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No. 12] NEW DELHI, SATURDAY, MARCH 18, 1972 (PHALGUNA 28, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paglug is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अभिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 18th March, 1972

CORRIGENDUM

In the Gazette of India Part III, Section 2, dated the 6th November 1971 in page 410, Column 1, under the heading "Printed Specifications Published"—

In paragraph (2), line 1, No. 96357 should be deleted.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

25th February 1972

34746. D. K. Agarwal. Improvements in or relating to a liquid flow visualization device

34747. Pechiney Ugine Kuhlmann. A process for the production of finely crystalline abrasive material.

34748. Institut De Recherches De La Siderurgie Francaise. Improvements in or relating to the metal feed supply of metallurgical plants which require a regular flow of molten metal.

34749. Joseph Lucas (Industries) Limited. Dynamo electric machines. (2nd March 1971).

34750. Joseph Lucas (Industries) Limited. Electrical connectors. (2nd March 1971).

34751. Imperial Chemical Industries Limited. New coloration process. (25th February 1971)

34752. Joseph Lucas (Industries) Limited. Electro-magnetic relay arrangement. (5th March 1971).

34753. Joseph Lucas (Industries) Limited. Method of and apparatus for pressurising a container with inert gas. (5th March 1971)

507G1/71

134754. Laporte Titanium Limited. Improvements in and relating to the manufacture of titanium dioxide (10th June 1969). [Divisional date 9th June 1970]

28th February 1972

134755. P. C. Mehta. Wick type kerosene oil stove.

134756. Niranjana Sen, Manish Sarkar and Sm. Jaya Sarkar. and Chandan Sen. Stereo Models for representing organic molecules.

134757. Industrie Pirelli Societa per Azioni. Breaker structures for radial cord carcass tyres. (7th January 1972).

134758. Cabot Corporation. Carbon black pigments and rubber compositions.

134759. N. V. Philips Gloeilampenfabrieken. Circuit arrangement having at least one circuit element which is energised by means of radiation and semiconductor device suitable for use in such a circuit arrangement.

134760. N. G. Kamat. Dry cells and rechargeable nickel cadmium cells and other variations.

134761. Abbot Laboratories. Adenosine-5'-carboxylic acid amides.

134762. Joseph Lucas (Industries) Limited. Electrical switches. (5th March 1971).

134763. Joseph Lucas (Industries) Limited. A method of manufacturing a component for use in a roller clutch assembly. (5th March 1971).

134764. Keshab Dutta. A mechanism for forming of metallic bellows.

134765. H. V. Rao, and Ravindra Nath Doss. An Inverter.

134766. Indian Detonators Limited. Water gel explosives.

134767. P. G. Datar. Improvement in or relating to a speaker and the like appliance.

134768. H. R. Jetty. Handy ready reckoner compass.
134769. B. R. Unwalla. A temple cutter for automatic loom without any moving parts.
134770. Mrs. Kalindi V. Cholkar. Electronically operated blinkers.
134771. D. R. Aggarwal. An improved electrical accessory.
134772. Council of Scientific and Industrial Research. A process for the recovery of alkali from aqueous solution containing alkali carbonates, hydroxides, phosphates, silicates and aluminates.

1st March 1972

134773. Development Consultants Private Limited. Improvements in or relating to valves.
134774. U. S. Patil. Making match sticks from grass or hay.
134775. V. P. Joseph. Shortwriter. The keyed machine putting into practice the theory of short-type.
134776. Joseph Lucas (Industries) Limited. Lubricants for use in electrical apparatus. (8th March 1971).
134777. The Lane Company. Rocker recliner chair.
134778. Nippon Card Clothing Co., Ltd. Flat arrangement of a fixed type usable for carding engines.
134779. Joseph Lucas (Industries) Limited. Direction indicator switches for road vehicles. (20th March 1971).
134780. Uddeholms Aktiebolag. Method of treating chemical pulp mill effluent.
134781. Lansing Bagnall Limited. Electrical motor circuits. (4th March 1971).
134782. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Monoazo pigment and a process for preparing it.
134783. Shinetsu Chemical Company. Method for suspension-polymerizing vinyl chloride.
134784. Allergan Pharmaceuticals. Low molecular weight prostaglandin antagonists and method of making same. (4th March 1971).
134785. M. Lessen. Surgical electrode.
134786. Michelin & Cie. Tire having bi-biased carcass and method of making same.
134787. The Metal Box Company Limited. Can ends. (2nd March 1971).
134788. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device and semiconductor device manufactured by using such a method.
134789. K. S. Industries. An improvement in an aldop.
134790. Mrs. Nargis Samy Engineer. Improvements in and relating to cribs.

2nd March 1972

134791. Farbenfabriken Bayer Aktiengesellschaft. Purification of kallikrein-trypsin inhibitors.
134792. Farbenfabriken Bayer Aktiengesellschaft. Bis (2-benzothiazole-diyl)-N, N'-piperazines and their use as vulcanizing agents.
134793. Joseph Lucas (Industries) Limited. Electric switch contacts. (5th March 1971).
134794. Pechiney Ugine Kuhlmann. Improvements in or relating to the field of the combustion of sulphur and in particular to the manufacture of sulphuric acid.
134795. I. H. Vowles. Chair.
134796. The Government of India. The Kolar Gold Mining Undertakings (Nundydroog Mine), Oorgaum,

P.O., Kolar Gold Field. An automatic contrivance.

134797. R. R. Pardasani. Improvement in or relating to dead front fuse units.
134798. Sur Extinguishers Corporation. Improvements in or relating to fire extinguishers.
134799. Snam Progetti S.p.A. Method for inhibiting the polymerization of conjugated dienes.
134800. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of polyolefins.
134801. Sandoz Ltd. A process for the direct esterification of terephthalic acid with an alkane diol.
134802. Diamond Shamrock Corporation. Herbicidal compositions comprising pyrrolidinyl-carboxanilide and thiocarboxanilides. [Divisional date 13th July 1970].
134803. Diamond Shamrock Corporation. Herbicidal compositions comprising pyrrolidinyl-carboxanilide and thiocarboxanilides. [Divisional date 21st Apr 1971].
134804. Diamond Shamrock Corporation. Herbicidal compositions comprising pyrrolidinyl-carboxanilide and thiocarboxanilides. [Divisional date 21st April 1971].
134805. Diamond Shamrock Corporation. Herbicidal compositions comprising pyrrolidinyl-carboxanilide and thiocarboxanilides. [Divisional date 12th Ma 1971].
134806. Franz Plasser Bahubaumaschinen-Industriegesellschaft m.b.H. Improvements relating to mobil railway track levelling and tamping machine.
134807. R. D. Talwar. Spacer(s) for accurate filling of cement concrete on the outside of steel bars in RCC columns.

134808. R. D. Talwar. Cards shuffler.
134809. K. L. Gupta. Hold back for use on rising conveyors.
134810. Globe-Union Inc. Industrial-type variable-speed centrifuge.

134811. J. P. Palkhiwala. Variable speed drive mechanism

3rd March 1972

134812. Fabbrica Italiana Magneti Marelli S.p.A. An electronic advance system for internal-combustion engines and apparatus for carrying out such system.
134813. Solvay & Cie. Catalytic complexes for the polymerisation of alpha-olefins.
134814. Universal Oil Products Company. Self-adjustment for body support cushion.
134815. H. D. Thakkar. An improved optical web feeder for automatic looms.
134816. Johnson & Johnson. Plaster of paris composition.
134817. Ravindra Sales Corporation. A new type of jac.
134818. Oak Electro/Netics Corporation. Security system with means for subscriber control.
134819. Bituminous Coal Research, Inc. Gasification of carbonaceous solids.
134820. Sioma-Tau Industrie Farmaceutiche Riunite S.n.c. Desamethasone and betamethasone new esters

Alteration of Date

126896. The claim to priority date 3rd June 1969 has been abandoned and the application dated as of 21 June 1970, the date of filing in India.
134120. Ante-dated to 4th August 1970 under Section of the Act.

131680. Ante-dated to 23rd April 1970 under Section 5 of the Act.

134590. Ante-dated to 11th May 1970 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

126333. Societe Des Accumulateurs Fixes Et De Fraction. Improved electrolyte for dry batteries and dry cell batteries using such electrolyte. Accepted on 24th January 1972.

Comprising a solution of zinc chloride free from ammonium chloride to which is added an organic gelling agent consisting in reticulated starches.

126588. Scientific Repairs and Trading Company (Private) Limited. Temperature measuring instrument. Accepted on 11th February 1972.

Characterised in that the two capsules are connected by a pivoted lever in such a manner that compensating capsule acts in an opposite sense to the active capsule, and the indicator element to indicate the temperature being connected to the active capsule through a pivoted lever and a connecting link.

126744. American Velcro, Inc. Apparatus for attaching flexible covers. Accepted on 21st February 1972.

Comprising mandrel on which is wound in layers the sheet material and having separable fastening means cooperating with fastenings along at least one edge portion of the sheet material on the side facing the mandrel, a strip of fastening means on the other face of the material adapted to engage cooperating strip of fastening means on the flat surface and means for rolling the mandrel against the flat surface.

126764. Messer Griesheim GmbH. Non-return valve. Accepted on 22nd February 1972.

With the free end of the valve spindle in the form of a piston and the valve spindle bearing constructed in this part as a cylinder, the piston and cylinder being acted on by a control gas through an opening in the valve cover.

126775. R. A. Shah. Restoring potentiometer for a servomotor. Accepted on 22nd February 1972.

Resistor element of potentiometer consists of a helical coil of spring steel, the ends of which are held in retaining means one at least of which is adjustable.

126777. A. M. Dias. A filter device for removing solid and/or immiscible liquid impurities from liquid. Accepted on 22nd February 1972.

Filter element is consisting of a plurality of metal granules of a predetermined size fused together at their points of contact with one another to form a shaped body with a predetermined mesh size.

126792. General Aniline & Film Corporation. Apparatus for obtaining a pattern on a flexible substrate such as fabrics. [Patent of Addition or Patent of Addition to No. 116400]. Accepted on 25th February 1972.

Comprises a first means to apply a liquid reagent a first heating means having a first series of rollers alternate one of which are heated and a second heating means for to apply a second liquid reagent and a second heating means.

126793. Envirotech Corporation. Method and apparatus for vacuum cleaning. Accepted on 25th February 1972.

Relating to means for carrying out high capacity precoat operations on rotary drum filters being characterised in that it includes level control outlet means at which filter surface is 10-90% submerged and also at which it is totally submerged.

126806. Unroyal Englebert France S. A. Improvements in high speed radial ply tires. Accepted on 25th February 1972.

Comprises a radial ply carcass, a tread, and a tread reinforcing breaker, said breaker being constituted by a single layer ply structure including elongated reinforcing elements made of metallic material and by a plural layer ply structure including elongated reinforcing element made of textile material.

126814. Imperial Chemical Industries Limited. Anode assembly for electrolytic cells. (27th June 1969). Accepted on 24th February 1972.

Comprising a titanium tube having a titanium enclosure, an aluminium current lead in rod at least partially within the tube, and a foraminated titanium structure carrying on at least a part of its surface, a coating comprising an operative electrode material.

126815. Imperial Chemical Industries Limited. Anode assembly for electrolytic cells. (27th June 1969). Accepted on 24th February 1972.

Comprising a titanium tube having a flat titanium closure, axially within the tube a titanium stud, a current lead in rod of copper or aluminium at least partially within the tube, said one face also being secured by soldering to the titanium closure, and a foraminated titanium structure carrying on at least a part of its surface a coating comprising an operative electrode material.

126829. Vsesojuzny Nauchno-Issledovatel'sky Institut Elektrotehnicheskogo Oborudovaniya. Method of and device for heat treatment of flat metal bodies. Accepted on 28th February 1972.

Comprising subjecting the body being heated to the action of at least two alternating magnetic fields of controlled power and of the same frequency and changing periodically the phase of one of said magnetic fields by one half of a period.

126841. Industrie Pirelli Societa Per Azioni. Coaxial cable for the transmission of pulse modulated signals. [Addition to No. 118166]. Accepted on 28th February 1972.

Including a screening member disposed directly on the outer cover and constituted by a metal tape wrapped around the outer conductor in the form of a tube.

126850. Kolomensky Zavod Tyazhlogo Stankostroenia. Device for preparation of liquid self-solidifying mixture and pouring it into moulds. Accepted on 28th February 1972.

Comprising a mixer for preparing the mixture which mixer is also capable of feeding said mixture directly into moulds, said mixer being fixed to a cantilever carrying also a contrivance, and a contrivance to feed liquid ingredient, said cantilever being fixed to a support.

126852. Gould Inc. Making electrical connections through a storage battery wall. Accepted on 25th February 1972.

Includes the steps of fusing connector members to form solid unitary connection and applying axial pressure on said connection completely around the periphery of wall opening of seal said opening against.

126866. Dr. Kurt Herberts & Co., Vorm Otto Louis Herberts. Polyester resins containing 5-membered imide rings, process for their preparation and use thereof. (15th September 1969). Accepted on 1st March 1972.

Comprises polycondensing polyhydric alcohols, suitable polyfunctional aromatic carboxylic acids containing at least two ortho carboxyl groups and polyfunctional amine compounds or their reactive derivatives wherein 5 to 100 mol% of the amino compound consists of a reaction product of dicyano diamide and hydrazine

126871. Hindustan Lever Limited. A toilet bar containing polyethyleneoxide quaternary ammonium compound. Accepted on 25th February 1972.

A toilet bar containing detergent active compounds, plasticizers, latter improvers, hardening agents or other conventional ingredients and at least 15% by weight of polyethylene oxide quaternary ammonium compound or compound containing a polyethylene oxide group with at least three ethylene oxide units.

126882. American Cyanamid Company. Storage stable package for absorbable polyglycolic acid sutures, and process for preparing same. Accepted on 16th February 1972.

Impervious container having therein a sterile polyglycolic acid suture free from water, the gaseous contents being evacuated of the container.

126884. Envirotech Corporation. Conveyor belt abrasion resistant conveyor having said belt. Accepted on 1st March 1972.

Comprising a flexible belt having a top working surface and an under surface, said under surface has a plurality of abrasion resistant bearing members extending therefrom for slidable contact with a support surface.

126896. Porvair Limited. Process and apparatus for making water vapour permeable polymer sheet materials. Accepted on 2nd March 1972.

Comprises at least initiating the co-agulation of polymer extended with liquid vehicle in sheet form by applying liquid non solvent in continuous form to at least one surface of the said sheet.

126996. Triden Industries, Inc. Lifting device for percussion drilling cuttings. Accepted on 2nd March 1972.

Comprising an elongated body including a central portion having at least an elongated cavity therein, cutting lifting means in the cavity and means for mounting the device in a percussion drill string.

126998. Clampco Inc. Dry Material dispensing apparatus providing self-induced material movement within the hopper. Accepted on 2nd March 1972.

Comprises a hopper having its rear wall at an acute angle to the vertical, a front wall having its lower portion vertical and upper portion at an acute angle less than the said acute angle, said lower portion having an opening and a metering unit mounted outside said lower portion over said opening.

127831. Tatabanyai Szenbanyak. A process for treating digester liquor as obtained by the continuous digestion of alumina containing minerals especially of bauxites with sodium aluminate liquor. Accepted on 21st February 1972.

Leading digester liquor at a temperature above 150°C from the digester, without flashing, in counter current to the dilute liquor used for digestion in heat exchangers or in series connected heat exchangers.

127863. Westinghouse Air Brake Company. Braking and propulsion system for a railway vehicle. Accepted on 4th February 1972.

Comprising a master control means having a handle means, an electronic transducer means controlled by the handle means, a control wire for effecting braking or propulsion of the vehicle, a first circuit means energised by signal out put from the transducer means a second circuit means energised by signal output from the transducer means, means for providing electrical signals representative of a desired speed and of actual speed, comparison means to produce an error signal indicating the deviation between the desired and actual speeds and third circuit means energised by the error signal when the handle means is in a third zone.

127994. Browa, Boveri and Company Limited. Improvements relating to rectifier circuits. (30th July 1970). Accepted on 14th February 1972.

Includes a controlled rectifier having a firing pulse generating circuit which is controlled by trigger circuitry connected to initiate generation of firing pulse at a particular instance.

128028. Brown, Boveri & Company Limited. Improvements relating to static rectifier assemblies. (30th July 1970). Accepted on 14th February 1972.

Includes the provision of applying to rectifiers a post-firing pulse which is not extinguished until the current is at least equal to a limiting value beneath which the current distribution in the group is likely to result in at least one rectifier passing a current less than its holding current.

128107. Gilling Limited. Improvements in brake adjusters. (21st August 1969). Accepted on 21st February 1972.

Comprising first and third non rotatable member, second rotatable member non-reversible screw thread connection, second and third members having mating abutment surface, a fourth member, reversible screw thread connection co-operating friction surfaces and resilient, biasing means.

128125. Cannon Limited-Cannon Limited. A device and method for horizontally aligning railroad track. Accepted on 23rd February 1972.

Comprising squeezing the ballast with the tamping head and then moving the tamping heads with the correcting frame during a track correcting operation to assist the action of the track clamp.

128231. Gilling Limited. Improvements in or relating to railway disc brakes. (3rd September 1969). Accepted on 1st March 1972.

Brake shoes are maintained substantially parallel with a braking disc located, in use, between the two shoes and levels, by a pin and slot connection between the shoe and the adjacent yoke.

128279. A. N. Shealy. Vibrationless electrical conductors. Accepted on 2nd March 1972.

At least one of the cables being continuously helically wound about the other cable so as to provide a final conductor with a transverse section that approximates an elliptically shaped airfoil, the major axis of the same being progressively and gradually rotated.

128281. The Goodyear Tire & Rubber Company. Improvements in solid state polymerization process. Accepted on 19th February 1972.

Characterized by treating polyester resin in solid state with a compound selected from the group

of a metallic salt of phosphorous acid a metallic salt of phosphoric acid, organophosphorous compounds and phenolic compound and then subjecting to solid state polymerization.

128437. Ciba Limited. New dioxazines pigments, for the manufacture thereof, process for pigmenting organic material and organic material whenever pigmented with the same. Accepted on 24th February 1972.

Comprising cyclizing 3, 6-bis diaryl amino benzoquinones.

128554. Elektroakusztikai Gyar. Sound radiator. Accepted on 24th February 1972.

Characterised in that the planar surfaces laid over the radiating surfaces of the loudspeakers have an angle different from 180° and the intersecting lines of these planar surfaces are parallel to each other, while the intersecting lines between said planar surfaces and the planar surface perpendicular to them is a broken one, and the symmetry axis of each neighbouring loudspeaker, respectively their projection on the planar surface intersect each other alternately in the intersecting points before the broken line while the distance between the radiation centers of the neighbouring loudspeakers is shorter than ten times the wavelength of the upper limiting frequency of the sound frequency band.

128794. Sandoz Ltd. Azo compounds process for their production, and process for dyeing and printing of fibres, yarns and textiles therewith. Accepted on 23rd February 1972.

Coupling a diazotised amine with a compound produced by the reaction of a corresponding amine with an appropriate maleic or fumaric acid derivative in acidic medium.

128822. Plastofold A. G. Support for suspending a curtain. (23rd September 1970). Accepted on 23rd February 1972.

Including a supporting member having a front curved portion at least at a peripheral part of it and two cloth fixing means at the rear thereof.

129066. Voith Getriebe KG. Hydrodynamic reversing gear. Accepted on 23rd February 1972.

Characterised in that at least in the pair of Föttinger work circuits the impeller and runner wheels of which attain the highest peripheral speed during working, flowing obstacles are provided.

129303. J. B. Patel. On-Load voltage booster plant. Accepted on 17th February 1972.

Short circuited moving coil provides demagnetising ampere-turns which is being utilised to control the voltages of coils of exciting transformer which feeds the primary of series transformer, secondary of which feeds the line voltage.

129308. F. I. du Pont de Nemours and Company. Nickel-molybdenum bonded titanium nitride-titanium carbide. Accepted on 23rd February 1972.

Consisting by volume 49.5 to 94% titanium nitride, 5 to 49.5% titanium carbide 1 to 15% metal consisting 20 to 50% nickel and 50 to 80% molybdenum, having density in excess of 99% of theoretical and average grain size of less than 2 microns.

129436. Cabot Corporation. Cobalt base alloy. Accepted on 21st February 1972.

Alloy comprising Chromium 18—35%, Tungsten 3—18%, Iron upto 10%, Carbon 0.4—1.3%, Nickel 1—30%, Silicon 0.2—1.2%, Lanthanum 0.02—0.12%, Tantalum upto 10%, Cobalt balance.

129858. J. B. Cuhramoniam. Improvements in or relating to valves for regulating the flow of fluids through pipes. Accepted on 25th February 1972.

Comprising a valve body having a valve for a ball valve, an outer sleeve for the valve body and

a push rod provided inside the sleeve for displacing the ball valve from the valve seat.

129959. S. J. Singh. An improved closure for the fuel filling aperture of fuel tanks of automobiles. Accepted on 23rd February 1972.

Comprises a base having orifice, said base being attachable to the inlet of the fuel tank, a lid movably attached to the said base locking means and remote control means for actuating the locking means.

130020. Stamicarbon N. V. Recycle process for the preparation of cyclonhexanone oxime and apparatus for carrying out the same. Accepted on 24th February 1972.

Comprises a buffered aqueous reaction medium with an acid reaction is recycled between a hydroxylamine synthesis zone and a cyclohexanone oxime synthesis zone wherein the recycle liquid before entering the hydroxylamine synthesis zone is heated to a temperature such that the total proportion of cyclohexanone and cyclohexanone oxime contaminants in the recycle liquid is reduced.

130036. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device. Accepted on 22nd February 1972.

From a second side of the starting semiconductor body, situated opposite to the first side in which recess is provided, semiconductive material is removed until semiconductor material deposited in the recess is exposed and semiconductor element/elements being then formed.

130038. Gustav Schade Maschinenfabrik. Device for the removal of material from storage. Accepted on 23rd February 1972.

Characterised in that the scraper for removal of material from storage extending over the entire dump is adapted to be raised or lowered in substantially horizontal position.

130164. Larymann Diesel, Farny & Weidmann. Cylinder head for air cooled internal combustion engines. Accepted on 25th February 1972.

Comprising injection nozzle and valve ports arranged between an upper and lower plate which define therebetween passages for flow of cooling air and inlet ribs and guide walls for guiding the cooling air through the passage.

130165. Larymann Diesel, Farny & Weidmann. Shaft sealing assembly. Accepted on 25th February 1972.

Characterised in that at least one cup spring is situated in a recess of an abutment ring bearing against a first rotary member to press the ring against a second rotary member and an elastic ring disposed around the shaft in a seating between said ring and a shoulder formed on the shaft.

130212. Sandoz Ltd. Process for the production of 1, 5-dihydroxyanthraquinone. Accepted on 23rd February 1972.

Condensing meta-hydroxy benzoic acid by heating in an aluminium chloride sodium chloride melt.

130308. Sandoz Ltd. Azo compounds, process for their preparation and fibres, yarns and textiles dyed or printed therewith. Accepted on 18th February 1972.

Comprises coupling diazotised amine $O_2N-C_6H_2(R_1R_2)NH_2$ with naphthyl- NH_2 alkylene- $Co-O-R_3$ where R_1 is cl , Br $-CN$ or acyl, R_2 is $-CN-NO_2$ and R_3 is alkyl or aryl radicals.

130377. Badische Anilin & Soda-Fabrik Aktiengesellschaft. Substituted 1-phenyl-4-acetoacetatamino-5-halogen-pyridazone-(6) compounds, process for their preparation and herbicidal compositions containing the same. Accepted on 23rd February 1972.

Comprises reacting 1-phenyl-4-amino-5-halo-pyridazone-(6) with diketene in the presence of a solvent.

130411. K. K. Xavier. A fluid operated loading mechanism for air rifles. Accepted on 23rd February 1972.

Comprises a thin wire rope guided at two intermediate points and having its front end fixed in the rear end of the rifle's air piston rod while its rear end fixed with a knot resting against the rear end of a plunger, a cup leather fitted at the rear end of the plunger, an inner cylinder in which said cup leather work a flange and a cover nut screwed to rear end of said cylinder.

130572. Colorant Schmuckstein GmbH. Brilliant. Accepted on 22nd February 1972.

Having the number of facets in a ring in an odd number whereby the angles included between the rear facets and the Rondist plane are selected such that emerging light is dispersed in a fan out angle of from 1°20' to 12°57'.

130826. Casablancas Limited. Improvements in or relating to seals for sealing the gap between the inner and outer races of a ball bearing. Accepted on 23rd February 1972.

The seal having an inner ring portion and an outer ring portion, the two ring portions being free to move slightly with respect to each other.

130873. The Metal Box Company Limited. Improvements in the manufacture of can bodies. (8th April 1970). Accepted on 23rd February 1972.

Method of soldering side seams of canbodies directing a jet of molten solder upwards on to the moving seams in the cold condition and post-heating each seam.

131019. M. V. R. S. Rao and Smt. Uma Sivaswamy. A device to prevent tampering with, or theft of, automobiles. Accepted on 23rd February 1972.

Having a plurality of multi position switches, one set of which is adapted to be connected to the electrical circuit of ignition system of automobile and also to alarm signal means and the other set capable of cutting in a shunt across contact breaker points of distributor of ignition system.

131140. Joseph Lucas (Industries) Limited. Suppressors for road vehicles (5th June 1970). Accepted on 23rd February 1972.

Comprising a body a plug member, a socket member, a suspension resistor supported by said body and electrically connected between plug member and socket member.

131245. Leningradsky Metallichesky Zavod Imeni XXII Siezda Kpss. Radial-axial flow hydraulic turbine. Accepted on 23rd February 1972.

Comprising an impeller wheel, a closure casing and a water lubricated guiding bearing being positioned on said closure casing adjacent to the upper rim of said wheel.

131471. Chemical Construction Corporation. Process for urea synthesis. Accepted on 24th February 1972.

Comprising ammonia and carbon dioxide are reacted at pressure 100 to 350 kg./sq.cm., the product is heated at a pressure less than 100 kg./sq. cm., to separate an off-gas from liquid urea effluent, the solution is stripped in an external heated zone by carbon dioxide, the resulting gas is heat exchanged with a fluid to condense ammonium carbamate and the resulting stream with condensate is recycled to urea synthesis.

131587. A. C. Padamsee. An ornamental device for containers. Accepted on 23rd February 1972.

The cover having a plurality of part cylindrical and/or part spherical lense like projections,

means for securing the cover over the pattern or picture and means for moving the cover over the pattern or picture.

131680. Societe Des Accumulateurs Fixes Et De Traction. Improvements in or relating to a battery of flat cells and method of making same. [Divisional date 23rd April 1970]. Accepted on 24th January 1972.

Having negative zinc electrodes coated on one face with conductive varnish and bearing on the other face manganese dioxide mass, a separator between the said electrode and mass, and an electrolyte comprising zinc chloride solution to which are added reticulated starches.

132090. Joseph Lucas (Industries) Limited. Vehicle lamps. (18th July 1970). Accepted on 23rd February 1972.

Comprises a reflector having a parabolic portion formed with a central hole, an integral rearwardly extending skirt at the forward end of the parabolic portion, a dished circular lens closing the forward end of the reflector, the lens having a rearwardly extending integral flanges terminating in an outwardly extending annular lip.

134120. Westinghouse Air Brake Company. Propulsion and braking control system for railway vehicles. [Divisional date 4th August 1970]. Accepted on 4th February 1972.

Comprising an electronic operating unit for effecting braking or propulsion controls of the vehicles as desired, a control wire energisable by a variable electronic control signal therein, master control means having handle means, transducer means for effecting variable control signal in the control wire in relation with the position of the handle means, and automatic signal means for effecting variable control signal in the control wire independently of the transducer means but dependent upon the position of the handle means in a preselected position.

134590. The Carborundum Company. Process for reducing the porosity of an oxybenzoyl polyester film. [Additional to No. 126610]. [Divisional date 11th May 1970]. Accepted on 11th February 1972.

The oxybenzoyl polyester is plasma sprayed onto a substrate to form a film and the surface of the film is subjected to sheering action.

Opposition Proceedings

(1)

An opposition has been entered by Pulling & Lifting Machines Private Limited to the grant of a patent on application No. 124171 made by Tractel Trifor India Private Limited.

(2)

An opposition has been entered by Gresham & Craven of India Private Ltd. to the grant of a patent on application No. 124657 made by Govind Singh.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

94437 94787 94801 94823 94896 94906 94915 94919 94947
94961 94968 94969 95003 95032 95039 95048 95072 95135
95216 95245 95288 95315 95372 95641 95784 95892 96185
96209 96211 96214 96218 96233 96235 96285 96301 96324
96336 96339 96345 96349 96352 96365 96366 96387 96404
96422 96602 96642 96687 97080 97186 97217 97585 97631
97636 104384.

(2)

79892 79972 80058 80262 80458 80659 80795 81323 81381
81393 81406 81414 81419 81449 81463 81497 81532 81543
81544 81584 81587 81601 81620 81627 81673 81764 81766
81774 81821 81843 81905 81946 81977 81987 81996 82050
82080 82113 82203 82267 82293 82390 82448 82488 82512
82616 82679 82702 82802 82835 83025 83051 83088 83100
83101 83360 83362 83510 83553 83556 83588 83719 83752
83753 83765 83777 83801 83803 83824 84017 84059 84319
84327 84390 84620 84622 84778 84864 85179 85214 85554
88593 88862 88863 88887.

(3)

81303 82685

Patents Sealed

121415 121906 124523 124652 124914 124915 124923 124938
125018 125075 125142 125229 125347 125366 125369 125459
125536 125788 125809 126317 126336 126422 126797 126809
127038 127154 127324 127325 127454 127493 127494 127585
127605 127843 127929 127976 128003 128018 128033 128401
130328 130332 130498 130499.

Registration of Assignments, Licences, etc., (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

81996
91763
91937
94631
94955 — Messrs British Steel Corporation.
102620
105421
106684
109698

Renewal Fees Paid

59973 60041 60298 60876 63308 63389 63410 63444 63583
63680 63808 64093 64223 64295 64296 65239 65240 66239
66895 66896 66897 66908 66911 66930 66947 67042 67161
67170 67316 67717 69828 70825 70928 70934 70959 71007
71018 71165 71293 71300 71345 71453 71682 71810 72110
72137 72231 72250 72520 72625 72784 74068 74491 75377
75621 75740 75804 75868 75942 75955 75958 75965 76068
76246 76460 76543 76603 77081 77172 77814 78581 79572
80506 80944 81010 81022 81033 81046 81058 81064 81077
81078 81143 81177 81240 81344 81486 81530 81543 81544
81676 81920 82029 82620 82795 82836 82884 83069 83091
83319 83690 83691 85209 86496 86569 86650 86677 86701
86708 86711 86724 86730 86748 86793 86806 86816 86847
86899 86987 87047 87067 87075 87097 87104 87148 87201
87227 87313 87445 88393 88887 89007 91047 91906 92435
92534 92551 92553 92572 92582 92588 92589 92600 92606
92607 92608 92614 92617 92639 92727 92859 92860 92893
92894 92914 92938 92970 93015 93037 93045 93108 93307
93380 93525 93887 94012 94069 94070 94150 94680 97464
97582 97878 98034 98103 98197 98223 98254 98258 98279
98280 98288 98293 98300 98341 98388 98392 98413 98443
98470 98475 98479 98489 98547 98549 98567 98570 98571
98586 98596 98673 98710 98721 98740 98875 98883 98890
98981 99014 99236 99564 99569 99573 99769 99788 99789
99800 100316 103503 103942 104055 104056 104083 104122
104125 104140 104142 104154 104157 104158 104185 104200
104214 104210 104294 104336 104372 104373 104374 104410
104425 104431 104437 104441 104513 104667 104700 104711
104716 104717 104765 104850 104879 104893 105001 105039
105141 105242 105292 105326 105371 105374 105512 105531
105542 105731 105826 105935 105936 106396 106883 107205
107789 107790 108146 108294 109503 109538 109539 109540

109552 109565 109580 109612 109626 109653 109695 109699
109780 109794 109812 109834 109854 109874 109958 109959
109965 110090 110124 110134 110143 110211 110247 110248
110283 110342 110438 110446 110604 110636 110878 110915
111027 111072 111073 111074 111199 111420 111729 111936
113904 114632 114711 114760 114776 114777 114780 114782
114784 114790 114792 114795 114803 114811 114818 114821
114832 114847 114856 114876 114920 114923 114924 114945
114953 114956 115001 115031 115062 115065 115070 115105
115133 115134 115135 115140 115159 115164 115165 115166
115198 115209 115376 115377 115422 115465 115548 115549
115550 115551 115552 115663 115704 115862 115894 116016
116044 116045 116087 116280 116447 116475 116846 118110
120007 120017 120162 120171 120186 120202 120248 120474
120475 120512 122302.

Cessation of Patents

68771 68773 68774 68775 68784 68785 68787 68788 68789
68791 68795 68799 68802 68803 69135 69136 69137 69139
69140 69145 69146 69148 69152 69155 69156 69159 69160
69161 69163 69366 81673 83305 102986 106239 106329.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patents:—

No. 93645—American Cyanamid Company—

Title: "Surgical sutures"

The patent ceased on the 6th May 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 19th February 1972. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 29th April 1972.

(2)

Notice is hereby given that an application has been made under section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patents:—

No. 104562—Navnitil Manilal Shah.

Title: "Outfit for blood collection/storage/transfusion".

The patent ceased on the 28th March 1970, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 1st January 1972. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 29th April 1972.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patents:—

No. 104563—Navnitil Manilal Shah

Title: "infusion/transfusion set for medical and surgical purposes".

The patent ceased on the 28th March 1970, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 1st January 1972. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 29th April 1972.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date

of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 138933. Amritsar Optical Industries, Village & P.O. Kot Khalsa, Amritsar, Punjab, an Indian Proprietary Concern, "Goggles", August, 25, 1971.

Class 1. No. 139048. Amritsar Optical Industries, Village & P.O. Kot Khalsa, Amritsar, Punjab, an Indian Proprietary Concern, "Goggles frames", September 23, 1971.

Class 1. No. 139142. P. P. Products, 20-Agra Road, Khirni Gate, Aligarh, Uttar Pradesh, India, Indian Partnership Concern, "A door handle", November 6, 1971.

Class 1. No. 139154. Amar Nath Barry, Chandni Chowk, Fountain, Delhi-6, India, Indian, "A rear view mirror", November 11, 1971.

Class 3. No. 138822. Dunlop Limited, Dunlop House, Ryder Street, St. James's London S.W. 1., England, and also of Fort Dunlop, Erdington, Birmingham 24, England, a British Company, "A tyre for a vehicle wheel", January 21, 1971. (U.K.).

Class 3. No. 138992. PMN & Company, (an Indian Proprietorship firm), 5/5A Grants Building, Arthur Bunder Road, Colaba, Bombay-5 (Maharashtra), "Container for stitching accessories September 10, 1971.

Class 3. No. 139076. National Plastic Industries, (an Indian Partnership firm), Taher Bldg., 1st floor, 85,

Sarang Street, Bombay 3 (Maharashtra), "Tepoy" (table), October 6, 1971.

Class 3. No. 139109. Organi Chemical Industries, 62-L Block, Connaught Circus, New Delhi-1, an Indian Partnership Firm, "Rubber sheets", October 26, 1971.

Class 3. No. 139160. Dynamic Plastic Private Limited, a Company Incorporated in India, Hirabaug, Tejpal Road, Vile Parle (East), City of Bombay, State of Maharashtra, India, "Dice", November 15, 1971.

Class 3. No. 139213. Rajpal Plastic Industries, (an Indian Partnership firm), 303, Neelkanth, 98, Marine Drive Bombay-2 (Maharashtra), "Brush", November 23, 1971.

Class 3. No. 139229. Rajpal Plastic Industries, (an Indian Partnership firm), 303, Neelkanth, 98, Marine Drive Bombay-2 (Maharashtra), "Brush", November 25, 1971.

Class 3. No. 139235. Indecor Laminates Private Limited, a limited liability company incorporated under the Companies Act (Central I of 1956) in India having its registered office at B 45-46 Industrial Estate, Sanatnagar, Hyderabad-18, State of Andhra Pradesh, India, "Decorative laminates", November 26, 1971.

Class 4. Nos 139163 and 139164. Polychem Limited, an Indian Company, carrying on business at 7 Jamshedji Tata Road, Churchgate Reclamation, Bombay-20 BR. Maharashtra, "Bottle", November 17, 1971.

S. VEDARAMAN

*Controller General of Patents, Designs
and Trade Marks*